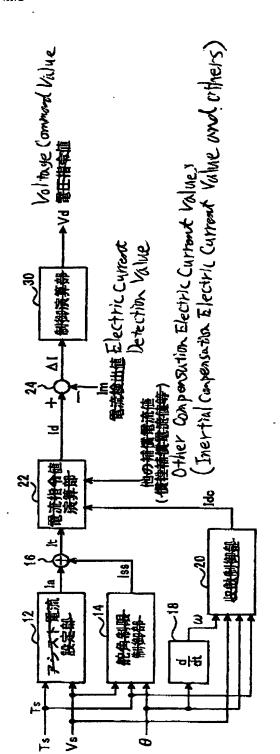


- 2 Steering angle sensor
 - 3 Torque sensor
 - 4 Vehicle speed sensor
 - 6 Motor
 - 10 Microcomputer (Motor control section)
 - 32 PWM signal generating circuit
 - 34 Motor drive circuit
 - 36 Electric current detector
 - 37 Voltage detector

FIG.3



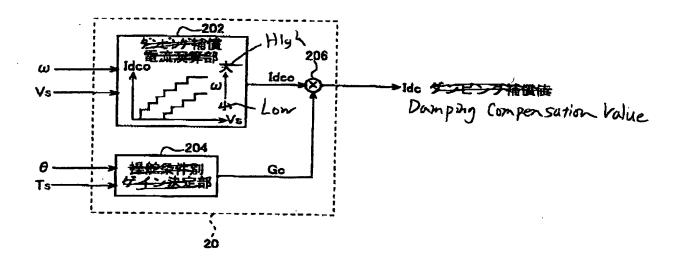
12 Assisting electric current setting section

14 Steering angle restricting control section

20 Convergence control section

22 Electric current command value calculating section

30 Control calculating section



Damping compensation electric current calculating 202 section

Gain deciding section for each steering 204 condition

FIG.4

Fig. 5A

Fig. 5B

Fly 5A

Initialization S12

Input of steering torque signal Ts

ナシストを計画の状況

日本衛衛衛衛衛衛

Input of vehicle speed signal Vs

input of electric current detecting value Im

Calculation of steering speed a

Target electric current setting processing

会会会は古古古代(ナメナ)

部等語や自由の東北

報送が出位しません

操作法在心的发出

由排配的包含效果

本人のものを設定を

出版をかるを

to electric current Feedback control calculation according deviation (Calculation of command value Vd)

S26 Output of command value Vd to PWM signal generating circuit

Fig. 5B

Target electric current setting processing

Decision of assisting electric current la

S34 Steering angle restricting processing (Calculation of electric current target value It)

Convergence control processing (Calculation of damping compensation value Idc) S36

Calculation of electric current command value Id Return. 838

Fig. 6A

Convergence control processing

Damping compensation electric current calculation (Decision of Ideo)

Gain deciding processing (Decision of gain Gc) S54

Ids ← Gc × Ideo

Return

Gain deciding processing

Has steering angle quantity (0) increased from neutral point? Start timer

S66

Fig - 1

Ts > Ts0? Fig ← 0 **S**68 S70

Has steering angle quantity [9] decreased? **S72 S74**

Timer value $Tm \le Tm0$? Flg = 1?876

Ge ← G2 G ↑ G.

Go - G2

CASALGE BERGE ASSESSED. Fig. 68 28 99 \$74 578 212 ફ 1 イン大統領部のインクインのの実施 -ido -- Ge *ides 五字 育